

Converting Colors

CIELCh(62, 45.499, 347.789)

Have a look what the booklet for
CIELCh(62, 45.499, 347.789)
contains.

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Color

CIELCh(62, 45.328, 347.746)

Conversions

Conversions Part 1

Format	Color
Hex	D876A8
RGB	216, 118, 168
RGB Percent	85%, 46%, 66%
CMY	0.1527, 0.5371, 0.3410
CMYK	0.00, 0.45, 0.22, 0.15
HSL	329°, 56%, 66%
HSV	329°, 45%, 85%
XYZ	41.8890, 30.4025, 40.7280
YIQ	153.0020, 42.3580, 36.3260

Conversions

Conversions Part 2

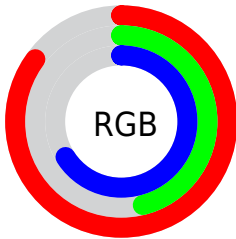
Format	Color
R _Y B	216, 118, 168
Decimal	14186152
CIE Lab	62.00, 44.30, -9.62
CIE LCh	62, 45.328, 347.746
Yxy	30.4025, 0.3706, 0.2690
Android (android.graphics.Color)	4292376232 (0xFFD876A8)
YUV	153.0020, 7.3940, 55.2492
Hunter-Lab	55.1385, 39.1149, -5.1976

Details

The CIELCh color $62, 45.328, 347.746$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $79, 43.179, 158.483$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 39.948, 340.655$, and $42, 45.210, 347.838$ is the 20% darker color. If you saturate the color by 10%, you get $58, 54.409, 349.241$, and if you desaturate by 10%, it is $67, 35.531, 346.479$.

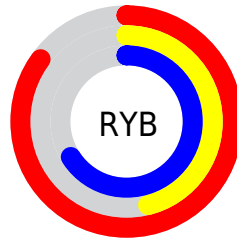
Distribution



Red (85%)

Green (46%)

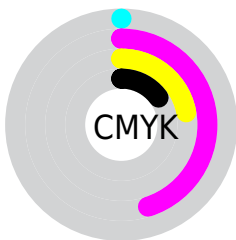
Blue (66%)



Red (85%)

Yellow (46%)

Blue (66%)

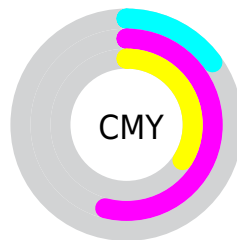


Cyan (0%)

Magenta (45%)

Yellow (22%)

Black (15%)



Cyan (15%)


Magenta (54%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 45.328, 347.746 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 62, 45.328, 347.746 by changing the saturation by 10% instead.


 62, 45.328,
347.746


 62, 45.328,
347.746


 100, 45.328,
347.746


 52, 45.328,
347.746


 82, 45.328,
347.746

 42, 45.328,
347.746

 92, 45.328,
347.746

 32, 45.328,
347.746

 22, 45.328,
347.746

 12, 45.328,
347.746

 2, 45.328, 347.746

 0, 45.328, 347.746

62, 45.328,
347.746

62, 45.328,
347.746

58, 54.409,
349.241

67, 35.531,
346.479

54, 62.289,
351.046

72, 25.421,
345.375

51, 68.448,
353.285

78, 15.273,
344.390

48, 72.493,
356.108

83, 5.269, 343.463

47, 74.369,
359.673


89, 4.483, 162.846

47, 74.844, 1.516

95, 13.929,
162.055

97, 15.023,
172.470

97, 13.210,
193.512

 97, 13.076,
198.633

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62, 45.328, 347.746



79, 43.179, 158.483

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 45.328, 347.746



62, 45.328, 37.746



62, 45.328, 167.746



62, 45.328, 217.746

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62, 45.325, 347.747



91, 15.905, 344.276



58, 57.516, 310.843



47, 11.005, 344.480



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 45.325, 347.747



68, 60.828, 349.103



61, 41.603, 23.030



42, 5.568, 343.842



37, 62.922, 0.774



5, 23.634, 353.580

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 45.325, 347.747



68, 60.828, 349.103



81, 30.300, 195.641



42, 5.568, 343.842



37, 62.922, 0.774



5, 23.634, 353.580

Previews

White Background



This preview shows how the CIELCh color 62, 45.328, 347.746 looks on a white background.

Color Contrast Check

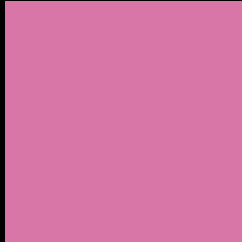
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 45.328, 347.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

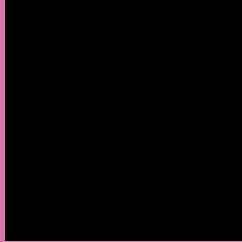
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 45.328, 347.746

Background



This preview shows how black text looks on a background with the CIELCh color 62, 45.328, 347.746.

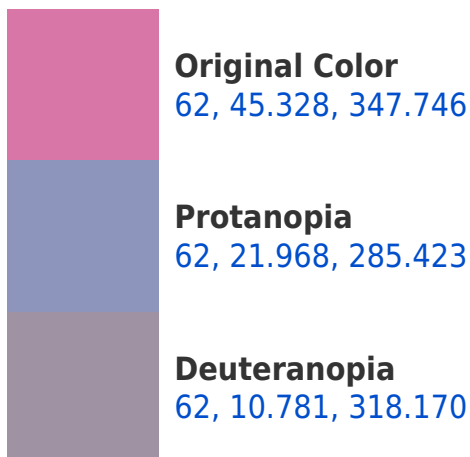


This preview shows how white text looks on a background with the CIELCh color 62, 45.328, 347.746.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
62, 36.490, 15.877

Trichromacy



Original Color
62, 45.328, 347.746

Protanomaly
62, 26.602, 316.658

Deuteranomaly
62, 23.293, 337.784

Tritanomaly
62, 38.628, 4.204

Monochromacy



Original Color
62, 45.328, 347.746

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 17.180, 345.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 45.328, 347.746 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 118, 168)` looks like.

```
.text, #text, p{  
    color:rgb(216, 118, 168)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 118, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 118, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 45.328, 347.746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 118, 168) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 118, 168) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 118, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 118, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 118, 168);  
box-shadow:4px 4px 4px 4px rgb(216, 118,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 45.328, 347.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 118, 168) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
118, 168) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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